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PATENT
Customer No. 22,852
Attorney Docket No. 7744.0061

#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael A. EKHAUS et al.

Application No.: 09/887,528 Group Art Unit: 2163

Filed: June 25, 2001 Examiner: Unknown

For: METHOD AND SYSTEM FOR HIGH PERFORMANCE MODEL-BASED PERSONALIZATION

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Commissioner for Patents and Trademarks
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

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documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: January 8, 2002

By: _____
James J. Boyle
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INFORMATION DISCLOSURE CITATION
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Atty. Docket No.	7744-0061	Serial No.	09/887,528
Applicant	Michael A. ECKHAUS et al.		
Filing Date	June 25, 2001	Group	2163

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
		5,893,909	4/13/1999	Nomura et al.	707	5	8/18/1997
		6,006,225	12/21/1999	Bowman et al.	707	5	9/1/1998
		6,016,475	1/18/2000	Miller et al.	705	1	10/8/1996
		6,018,738	1/25/2000	Breese et al.	707	100	1/22/1998

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	G. Salton et al., "Term-Weighting Approaches in Automatic Text Retrieval," Information Processing & Management, Vol. 24, No. 5, pp. 513-523 (1988).
	J. Swets, "Measuring the Accuracy of Diagnostic Systems," Science, vol. 240, pp. 1285-1293 (1988).
	N. Belkin et al., "Information Filtering and Information Retrieval: Two Sides of the Same Coin?," Communications of the ACM, Vol. 35, No. 12, pp. 29-38 (December 1992)
	D. Goldberg et al., "Using Collaborative Filtering to Weave an Information Tapestry," Communications of the ACM, Vol. 35, No. 12, pp. 61-70 (December 1992)
	Maltz, D. "Distributing information for collaborative filtering on Usenet net news," Master's thesis, M.I.T. Department of EECS, Cambridge, Mass. May 1994.
	P. Maes, "Agents that Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, pp. 31-40, 146 (1994)
	P. Resnick et al., "GroupLens: An Open Architecture for Collaborative Filtering of Netnews," Proceedings of the 1994 Conference on Computer Supported Cooperative Work, pp. 175-186 (1994).
	W.W. Cohen, "Fast Effective Rule Induction," in 12th Int. Conf. on Machine Learning, pp 80-89, 1995.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	W. Hill et al., "Recommending and Evaluating Choices in a Virtual Community of Use," Proceedings of the Computer-Human Interaction Conference, CHI '95 <http://www.acm.org/sigchi/chi95/proceedings/papers/wch_bdy.htm> (1995).
	U. Shardanand, "Social Information Filtering: Algorithms for Automating 'Word of Mouth,'" Proceedings of the Computer-Human Interaction Conference, CHI '95, pp. 210-217 (May 1995).
	W.W. Cohen, "Learning Rules that Classify E-Mail," in Papers from the AAAI Spring Symposium on Machine Learning in Information Access, pp. 18-25, Stanford, CA, 1996.
	B. Miller, et al. "Experiences with GroupLens: Making Usenet useful again," [dated June 18, 1996] *also* Proceedings of the 1997 Usenix Winter Technical Conference, (Jan 1997).
	P. Resnick, et al. "Recommender Systems," Communications of the ACM, Vol. 40, No. 3, pp. 56-58 (March 1997)
	L. Terveen et al., "Phoaks: A System for Sharing Recommendations," Communications of the ACM, Vol. 40, No. 3, pp. 59-62 (March 1997)
	M. Balabanovic et al., "Fab: Content-Based, Collaborative Recommendation," Communications of the ACM, Vol. 40, No. 3, pp. 66-72 (March 1997)
	J.A. Konstan et al., "GroupLens: Applying Collaborative Filtering to Usenet News," Communications of the ACM, Vol. 40, No. 3, pp. 77-87 (March 1997)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	H. Lieberman, "Autonomous Interface Agents," Proceedings of the Computer-Human Interaction Conference, CHI '97, pp. 67-74 (March 1997).
	R.Ferber, "IMAGINE: Interaction merger for associations gained by inspection of numerous exemplars" <http://teefix.fernuni-hagen.de/~ferber/imagine/imagine-info-engl.html> (4 pages-dated Dec. 15, 1997; printed Jan. 3, 2002).
	C. Basu et al., "Recommendation as Classification: Using Social and Content-Based Information in Recommendation," Proceedings of the Annual Fifteenth National Conference on Artificial Intelligence (AAAI-98), Tenth Conference on Innovative Applications of Artificial Intelligence (IAAI-98), Learning About People, pp. 714-720
	G. Boone, "Concept Features in Re: Agent, An Intelligent Email Agent," Autonomous Agents 98, pp. 141-148
	B. Sarwar et al., "Using Filtering Agents to Improve Prediction Quality in the GroupLens Research Collaborative Filtering System," Proceedings of the 1998 Conference on Computer Supported Cooperative Work, pp. 345-354 (1998).
	J. Breese et al., "Empirical Analysis of Predictive Algorithms for Collaborative Filtering," Technical Report MSR-TR-98-12, Microsoft Research, Microsoft Corporation, pp. 1-20, May 1998, revised October 1998
	R.Ferber, "IMAGINE: Extracting knowledge from large collections" <http://teefix.fernuni-hagen.de/~ferber/imagine/> (2 pages-dated May 7, 1998; printed Jan. 3, 2002).
	M. Johnson et al. "Direct E-mail: Winning Long-term Consumer Attention." Jupiter Communications Analyst Report December 1998, pp. 1-26.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	N. Good et al., "Combining Collaborative Filtering with Personal Agents for Better Recommendations," Proceedings of the 1999 Conference of the American Association of Artificial Intelligence (AAAI-99)
	J. Herlocker, et al. "An Algorithmic Framework for Performing Collaborative Filtering, " Proceedings of the 1999 Conference on Research and Development in Information Retrieval (Aug. 1999).
	J.B. Schafer, et al. "Recommender Systems in E-Commerce," Proceedings of the ACM Conference on Electronic Commerce, November 3-5, 1999.
	R. O'Harrow Jr., "Private or Not?" Washington Post, May 17, 2000; G22 <http://www.washingtonpost.com/> (4 pages-dated May 17, 2000; printed June 13, 2000).
	"Net Perceptions Launches Comprehensive Hosted Marketing Service for eRetailers," Net Perceptions press release dated Juy 12, 2000 <http://biz.yahoo.com/bw/000712/mn_net_per.html> (3 pages-dated July 12, 2000; printed July 12, 2000).
	S. Stellin, "Internet Companies Learn How to Personalize Service," N.Y. Times, Aug. 28, 2000 <http://www.nytimes.com/library/tech/00/08/cyber/commerce/28commerce.html> (5 pages-dated Aug. 28, 2000; printed Aug. 28, 2000).
	L.M. Rocha, "Adaptive Recommendation and Open-Ended Semiosis," Kybernetes, Vol. 30, No. 5-6 (2001).
	T. Long et al. "Beyond the Banner - the birth of email marketing," C.E. Unterberg, Towbin Report, pp. 1-72 (no date).

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